

ABSTRACT

Disclosed are a glass substrate for an information recording medium, having excellent scratch resistance and a light weight and having high fracture toughness, the glass substrate having a fragility index value, measured in water, of $12 \mu\text{m}^{-1/2}$ or less or having a fragility index value, measured in an atmosphere having a dew point of -5°C or lower, of $7 \mu\text{m}^{-1/2}$ or less, or the glass substrate comprising, by mol%, 40 to 75 % of SiO_2 , 2 to 45 % of B_2O_3 and/or Al_2O_3 and 0 to 40 % of $\text{R}'_2\text{O}$ in which R' is at least one member selected from the group consisting of Li, Na and K), wherein the total content of SiO_2 , B_2O_3 , Al_2O_3 and $\text{R}'_2\text{O}$ is at least 90 mol%, and a magnetic information recording medium comprising a magnetic recording layer formed on the glass substrate.